

Message Text

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ORIGIN EB-07

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C O N F I D E N T I A L STATE 146530

EXCON

E.O. 11652: XGDS-1

TAGS:ESTC, COCOM

SUBJECT:COCOM LIST REVIEW - IL 1522 - LASERS

1. DEL MAY CONCUR IN ALL AD REFS.
2. THE WORD "PULSED" SHOULD BE INSERTED AFTER "AN" IN (D)(2) FOR CLARITY OF INTENT OF ORIGINAL UK PROPOSAL. (E)(1) SHOULD ALSO BE CORRECTED TO INDICATE THAT THE OUTPUT WAVELENGTH IS "IN THE RANGE FROM 9 TO 11 MICRONS."

3. (1)(F)(2) SHOULD BE AMENDED BY THE INSERTION OF A PARENTHETICAL PARADMETER AFTER "0.5 JOULE" AS FOLLOWS:"(OR 10 WATT AVERAGE)"/ THAT CHANGE IS NECESSARY BECAUSE THE ORIGINAL WORDING DID NOT MAKE IT CLEAR THAT THE MAXIMUM POWER OUTPUT OF 10 WATTS APPLIED TO BOTH CONTINUOUS WAVE LASERS AND TO PULSED LASERS. IT WAS INTENDED THAT BOTH THE AVERAGE AND CONTINUOUS WAVE POWER OF THE LASERS SHOULD BE LIMITED TO
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10 WATTS. WITHOUT THIS CLARIFICATION, IT IS CONCEIVABLE

THAT VERY HIGH AVERAGE POWER LASERS MIGHT BE SHIPPED BY
SIMPLY EXPORTING SYSTEMS WITH A HIGH PULSED REPETITION FREQ-
UENCY (PRF) THESE SYSTEMS ARE USED PRIMARILY IN MILIT-
ARY WEAPON GUIDANCE AND COUNTERMEASURE APPLICATIONS. THE 10
WATT LIMIT WILL PERMIT LOW PRF, HIGH PEAK POWER LASERS FOR

NON-LINEAR OPTICS RESEARCH AND OTHER SCIENTIFIC APPLICATION
S TO MOVE FREELY.

4. THIS PARAGRAPH SHOULD HAVE PRECEDED THE ONE ABOVE. DEL
SHOULD PROPOSE THE ADDITION OF A NEW SUB-PARAGRAPH (4) IN
(1)(E) READING "(4) NOT CAPABLE OF PROVIDING A SINGLE MODE
OUTPUT." JUSTIFICATION: CERTAIN LOW POWERED CO2 LASERS ARE
USED IN MILITARY LASER RADARS AND IN WEAPONS GUIDANCE SYS-
TEMS. THESE USES REQUIRE SINGLE MODE LASERS. THE LASERS
WHICH MOST NATIONS WISH TO RELEASE FROM EMBARGO ARE LARGE
MULTI-MODE TYPES INTENDED FOR INDUSTRIAL USES.

5. DEL MAY CONCUR IN NEW UK NOTE 1 (E) FOR ADMINISTRATIVE
EXCEPTION OF CO2 LASERS WITH A 5 KW CUTOFF.

6. DEL SHOULD PROPOSE INSERTION OF THE WORDS " EXCEPT THAT
DEFINED BY IL 1016 (C)." JUSTIFICATION: CROSSREFERENCING TO
1016 IS REQUIRED TO AVOID UNINTENTIONALLY DEFEATING THE
PURPOSE OF THAT COVERAGE. KISSINGER

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